IFWO

RAW SEQUENCE LISTING   DATE: 09/23/2004
PATENT APPLICATION: US/10/789,938B   TIME: 16:24:44

Input Set : **A:\disk 008CP1seqlst.txt**
Output Set: **N:\CRF4\09232004\J789938B.raw**

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 4 <110> APPLICANT: Yang, Lili
 5        Van Parijs, Luk
 6        Baltimore, David
 8 <120> TITLE OF INVENTION: METHOD FOR THE GENERATION OF
 9        ANTIGEN-SPECIFIC LYMPHOCYTES
11 <130> FILE REFERENCE: CALTE.008CP1
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C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/789,938B
C--> 13 <141> CURRENT FILING DATE: 2004-02-27

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14 <151> PRIOR FILING DATE: 2002-12-10
16 <150> PRIOR APPLICATION NUMBER: 60/394,803
17 <151> PRIOR FILING DATE: 2002-07-08
19 <150> PRIOR APPLICATION NUMBER: 60/339,375
20 <151> PRIOR FILING DATE: 2001-12-10
22 <160> NUMBER OF SEQ ID NOS: 3
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 6254
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: This represents a retroviral vector deririved from
33        the murine stem cell virus.
36 <400> SEQUENCE: 1
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39 gaatatgggc caaacaggat atctgtggta agcagttcct gccccggctc agggccaaga   180
40 acagatggtc cccagatgcg gtcccgccct cagcagtttc tagagaacca tcagatgttt   240
41 ccagggtgcc ccaaggacct gaaaatgacc ctgtgcctta tttgaactaa ccaatcagtt   300
42 cgcttctcgc ttctgttcgc gcgcttctgc tccccgagct caataaaaga gcccacaacc   360
43 cctcactcgg cgcgccagtc ctccgataga ctgcgtcgcc cgggtacccg tattcccaat   420
44 aaagcctctt gctgtttgca tccgaatcgt ggactcgctg atccttggga gggtctcctc   480
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46 acccctgcct agggaccacc gacccccccg ccgggaggta agctggccag cggtcgtttc   600
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48 tactagttag ctaactagct ctgtatctgg cggacccgtg gtggaactga cgagttctga   720
49 acacccggcc gcaaccctgg gagacgtccc agggactttg ggggccgttt ttgtggcccg   780
50 acctgaggaa gggagtcgat gtggaatccg accccgtcag gatatgtggt tctggtagga   840
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52 agccgcgcgt cttgtctgct gcagcgctgc agcatcgttc tgtgttgtct ctgtctgact   960
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54 ttaggtcact ggaaagatgt cgagcggatc gctcacaacc agtcggtaga tgtcaagaag  1080
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 58 cccccctccct gggtcaagcc ctttgtacac cctaagcctc cgcctcctct tcctccatcc   1320
 59 gccccgtctc tccccttga acctcctcgt tcgaccccgc ctcgatcctc cctttatcca   1380
 60 gccctcactc cttctctagg cgccgagatc tctcgaggac gttaacgcag tttaaacgac   1440
 61 gcggccgcgc aaagcttgac gaattccgcc cctctccctc ccccccccct aacgttactg   1500
 62 gccgaagccg cttggaataa ggccggtgtg cgtttgtcta tatgttattt tccaccatat   1560
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 67 ctgcaaaggc ggcacaaccc cagtgccacg ttgtgagttg atagttgtg gaaagagtca   1860
 68 aatggctctc ctcaagcgta ttcaacaagg ggctgaagga tgcccagaag gtaccccatt   1920
 69 gtatgggatc tgatctgggg cctcggtgca catgctttac atgtgtttag tcgaggttaa   1980
 70 aaaacgtcta ggccccccga accacgggga cgtggttttc ctttgaaaaa cacgatgata   2040
 71 atatggccac aaccaagggc gaggagctgt tcaccggggt ggtgcccatc ctggtcgagc   2100
 72 tggacggcga cgtgaacggc cacaagttca gcgtgtccgg cgagggcgag ggcgatgcca   2160
 73 cctacggcaa gctgaccctg aagttcatct gcaccaccgg caagctgccc gtgccctggc   2220
 74 ccaccctcgt gaccaccctg acctacggcg tgcagtgctt cagccgctac cccgaccaca   2280
 75 tgaagcagca cgacttcttc aagtccgcca tgcccgaagg ctacgtccag gagcgcacca   2340
 76 tcttcttcaa ggacgacggc aactacaaga cccgcgccga ggtgaagttc gagggcgaca   2400
 77 ccctggtgaa ccgcatcgag ctgaagggca tcgacttcaa ggaggacggc aacatcctgg   2460
 78 ggcacaagct ggagtacaac tacaacagcc acaacgtcta tatcatggcc gacaagcaga   2520
 79 agaacggcat caagcgcaac ttcaagatcc gccacaacat cgaggacggc agcgtgcagc   2580
 80 tcgccgacca ctaccagcag aacaccccca tcggcgacgg ccccgtgctg ctgcccgaca   2640
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 82 tggtcctgct ggagttcgtg accgccgccg ggatcactca cggcatggac gagctgtaca   2760
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 84 aaaagggggg aatgaaagac cccacctgta ggtttggcaa gctagcttaa gtaacgccat   2880
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 90 gagcccacaa cccctcactc ggcgcgccag tcctccgata gactgcgtcg cccgggtacc   3240
 91 cgtgtatcca ataaaccctc ttgcagttgc atccgacttg tggtctcgct gttccttggg   3300
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 95 cgttgcgctc actgcccgct ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa   3540
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103 gctcacgctg taggtatctc agttcggtgt aggtcgttcg ctccaagctg ggctgtgtgc   4020
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107 gaaggacagt atttggtatc tgcgctctgc tgaagccagt taccttcgga aaaagagttg   4260
108 gtagctcttg atccggcaaa caaaccaccg ctggtagcgg tggttttttt gtttgcaagc   4320
109 agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt   4380
110 ctgacgctca gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa   4440
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112 atgagtaaac ttggtctgac agttaccaat gcttaatcag tgaggcacct atctcagcga   4560
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137 tcctgcatta ggaagcagcc cagtagtagg ttgaggccgt tgagcaccgc cgccgcaagg   6060
138 aatggtgcat gcaaggagat ggcgcccaac agtcccccgg ccacggggcc tgccaccata   6120
139 cccacgccga acaagcgct catgagcccg aagtggcgag cccgatcttc cccatcggtg    6180
140 atgtcggcga tataggcgcc agcaaccgca cctgtggcgc cggtgatgcc ggccacgatg   6240
141 cgtccggcgt agag                                                       6254
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146 <211>. LENGTH: 7295
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: This represents a retroviral vector encoding a
152       T-cell receptor that recognizes an epitope of
153       gp-100.
155 <400> SEQUENCE: 2
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242 ctggtaacag gattagcaga gcgaggtatg taggcggtgc tacagagttc ttgaagtggt 5220
243 ggcctaacta cggctacact agaaggacag tatttggtat ctgcgctctg ctgaagccag 5280
244 ttaccttcgg aaaaagagtt ggtagctctt gatccggcaa acaaaccacc gctggtagcg 5340
245 gtggtttttt tgtttgcaag cagcagatta cgcgcagaaa aaaggatct caagaagatc 5400
246 ctttgatctt ttctacgggg tctgacgctc agtggaacga aaactcacgt taagggattt 5460
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251 cgcgagaccc acgctcaccg gctccagatt tatcagcaat aaaccagcca gccggaaggg 5760
252 ccgagcgcag aagtggtcct gcaactttat ccgcctccat ccagtctatt aattgttgcc 5820
253 gggaagctag agtaagtagt tcgccagtta atagtttgcg caacgttgtt gccattgcta 5880
254 caggcatcgt ggtgtcacgc tcgtcgtttg gtatggcttc attcagctcc ggttcccaac 5940
255 gatcaaggcg agttacatga tcccccatgt tgtgcaaaaa agcggttagc tccttcggtc 6000
256 ctccgatcgt tgtcagaagt aagttggccg cagtgttatc actcatggtt atggcagcac 6060
```

VERIFICATION SUMMARY   DATE: 09/23/2004
PATENT APPLICATION: **US/10/789,938B**   TIME: 16:24:45

Input Set : **A:\disk 008CP1seqlst.txt**
Output Set: **N:\CRF4\09232004\J789938B.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date